



RE: Pathogen Data

Marzooq Alebus to: Antony Tseng, Robin.Miller
Cc: "Barbara Hirst", Felix Locicero, Rosella OConnor, pii

02/02/2012 09:21 AM

We are working on providing you with more details...and may be more data.
So far, Passaic R at Elmwood Park station is the most appropriate, as Robin indicated; we're checking to see if more data do exist for this station or close by.

Thank you,
Marco

>>> "Miller, Robin" <Robin.Miller@hdrinc.com>
2/1/2012 5:37 PM >>>
Antony,

Certainly, the State should reply.

My initial impression is that Passaic River at RT 46 Elmwood Park 01389880 is 0.7 to 0.8 miles upstream of Dundee Dam and is most appropriate. The other stations higher up on the list are too far upstream to represent the load over the Dam.

I'm in the process of verifying that the remaining three stations are downstream of Dundee Dam and therefore are not suitable.

Please wait for the State to answer before contracting.

ROBIN LANDECK MILLER

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HydroQual is now HDR|HydroQual

-----Original Message-----

From: Antony Tseng [
mailto:Tseng.Antony@epamail.epa.gov]
Sent: Wednesday, February 01, 2012 5:24 PM
To: Marzooq Alebus
Cc: Barbara Hirst; Felix Locicero; Miller, Robin;
Rosella OConnor; Ilieve, Peter I.
Subject: Re: Pathogen Data

Marzooq,

The link you provided cites 24 USGS stations. Before I provide technical direction for the contractor to proceed with an evaluation the pathogen data and propose a variable boundary condition at the Dundee Dam, can you be more specific which station is relevant?

Agency
Site Number
Site Name
Period of Record
Begin Date
End Date
Samples

USGS

01378660

Passaic River at Tempe Wick Rd near Mendham NJ

2000-11-29

2002-08-08

19

USGS

01378670

Passaic River at Morristown National Hist Park NJ

2006-08-15

2007-08-07

3

USGS

01378690

Passaic River near Bernardsville NJ

1965-04-15

2009-05-07

78

USGS

01378700

Passaic River at outlet of Osborn Pond NJ

1962-04-20

1963-09-23

5

USGS

01379000

Passaic River near Millington NJ

1923-08-16

2009-05-07

399

USGS

01379300

Passaic River at Stirling NJ

1968-08-30

2009-09-25

17

USGS

01379340

Passaic R at Berkeley Heights NJ

2008-09-22

2009-05-07

4
USGS
01379500
Passaic River near Chatham NJ
1960-03-02
2006-12-12
381
USGS
01379504
Passaic River at Summit Avenue at Chatham NJ
2009-06-05
2009-06-05
1
USGS
01379550
Passaic R at Lower Chatham Bridge nr Chatham NJ
2008-09-22
2009-06-05
4

USGS
01379570
Passaic R at Hanover NJ
1963-06-25
2009-04-10
39
USGS
01379580
Passaic River near Hanover Neck NJ
1963-12-09
1965-04-27
2
USGS
01381900
Passaic River at Pine Brook NJ
1963-06-25
2011-09-01
101
USGS
01382000
Passaic River at Two Bridges NJ
1963-06-25
2011-11-16
495
USGS
01389005
Passaic River below Pompton Riv at Two Bridges NJ
1987-06-09
1999-06-17
136

Agency
Site Number
Site Name
Period of Record
Begin Date

End Date
Samples
USGS
01389110
Passaic River at Route 46 at Singac NJ
1974-07-31
2006-05-15
426
USGS
01389400
Passaic River at Route 23 at Singac NJ
2008-09-22
2009-05-08
4
USGS
01389500
Passaic River at Little Falls NJ
1952-01-28
2011-11-17
949
USGS
01389630
Passaic R at Totowa Rd at Totowa NJ
2003-10-15
2003-10-15
1
USGS
01389800
Passaic River at Paterson NJ
1967-09-16
2009-05-08
11

USGS
01389880
Passaic R at Rt 46 at Elmwood Park NJ
1974-07-22
2011-09-01
170
USGS
01389895
Passaic River at Outwater Lane at Garfield NJ
2003-11-19
2006-12-12
2
USGS
01392100
Passaic R at Rutherford NJ
1969-08-06
1970-05-25
11
USGS
01392600
Passaic R at Harrison NJ
1970-06-22
1974-06-26

58

Thanks,
- Antony

Antony Tseng
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Clean Water Regulatory Branch
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From: "Marzooq Alebus"
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To: <Robin.Miller@hdrinc.com>
Cc: "Barbara Hirst"
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Gratz/R2/USEPA/US@EPA, Felix
Locicero/R2/USEPA/US@EPA, Robert
Nyman/R2/USEPA/US@EPA, Rosella
OConnor/R2/USEPA/US@EPA, Antony Tseng/R2/USEPA/US@EPA
Date: 02/01/2012 03:48 PM
Subject: Pathogen Data

Hi Robin,

Here are the link to all the data sampled at Passaic
R upstream of Dundee:

http://nwis.waterdata.usgs.gov/nj/nwis/qwdata?search_station_nm=PassaicRiver&search_station_nm_match_type=beginning&format=s_tation_list&sort_key=site_no&group_key=NONE&inventory_output=0&rdb_inventory_output=file&TZoutput=0&pm_cd_

compare=Greater
than&radio_parm_cds=all_parm_cds&qw_attributes=0&qw_s
ample_wide=wide&rdb_qw_attributes=0&date_format=YYYY-
MM-DD&rdb_compression=file&list_of_search_criteria=se
arch_station_nm

I hope the attached data can be of some use to
provide long term assessment of the boundary at
Passaic R at Dundee

Pathogen indicators sampled from year 2000 to 2011:

31615 - Fecal coliform, EC broth method, water,
most probable number per 100 milliliters # 31633 -
Escherichia coli, m-TEC MF method, water, colonies
per 100 milliliters # 31649 - Enterococci, m-E MF
method, water, colonies per 100 milliliters # 31686
- Total coliform, water, most probable number per 100
milliliters

Helen, could you please check if this is all the data
we have

If you've question, please let's know

Thank you,
Marco

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